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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/768,346	01/30/2004	Stanley J. Flashinski	J-3955	6361

28165 7590 07/18/2007  
S.C. JOHNSON & SON, INC.  
1525 HOWE STREET  
RACINE, WI 53403-2236

EXAMINER
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LEVY, NEIL S

ART UNIT	PAPER NUMBER
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1615

MAIL DATE	DELIVERY MODE
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07/18/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

Application No.

10/768,346

Applicant(s)

FLASHINSKI, STANLEY J.

Examiner

NEIL LEVY

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 27 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-11 are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 6/05/1/04
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application
- ☐ Other: \_\_\_\_\_

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## DETAILED ACTION

The last Office action is withdrawn, & replaced with the following action.

### *Election/Restrictions*

#### *Election~Restrictions*

Claims 1-5,7-11 are generic to the following disclosed patentably distinct species: compound as active. The species are independent or distinct because the potential compounds are chemically & physically distinct & function differently.. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed. Applicant is advised that a reply to this requirement must

include an identification of the species that is elected consonant with this requirement,

and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should, submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement is traversed (37 CFR 1.143).

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During a telephone conversation with attorney David Houser on 7/3/07 a provisional election was made without traverse to prosecute the invention of species of natural & synthetic pyrethroids & pyrethrins, claim 6. Affirmation of this election must be made by applicant in replying to this Office action.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over HALLAHAN- US 2005/0069568 and HARPER et al US 2003/0096878 and GB/445813 and MC PARTLAND WO 9848625

HALLAHAN: spray insect repellents (claim 76) with limonene (claim 60) hydrocarbon (claim 162) surfactants (claim 167) with active agent or mixed with pyrethrins [0030] up to 50% [0071] and water [0064]. Concentrations are not specified.

HARPER: aerosol sprays are shown to be advantageous in spraying into target insects [0004]. Sprays include pyrethroids and pyrethrins at 0.02-0.5% [0069]. Corrosion inhibitors, sodium benzoate at 0.01-0.5%. BHT also at 0.01-0.5% [0074] with water (0142-examples) at 50% surfactants include sodium lauryl sulphate at 3%-Example 2, with hydrocarbon, decane, at about 50%. Limonene (claim 9) is contemplated (claim 1(d)) at 0.01-80%. Solvents up to 40% [0058] include isopar [0060]. Propellants are at 2-80% [0038, 0039] preferred are isobutane and propane mix. Sodium nitrite is not required. GB shows pyrethroids are stabilized in aqueous formulations with 0.2% antioxidant (page 4, lines 4-20) emulsifier at 0.5-1.5% (lines 40-44), with propane, butane at 30-50% (lines 45-49), sodium benzoate at 0.01-0.75 % (lines 50-55) and with hydrocarbon present at 1-10% (lines 56-61).

See example 6- BHT, pyrethrin, isobutane/propane, water and surfactant. Thus, the concentrations and ingredients for application in pyrethroid/pyrethrin insect control

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aerosol sprays si shown, and would be obvious to the artisan to incorporate these concentrations in the formulation of HALLAHAN and HARPER, in order to have soluble formulation.

MCPARTLAND further shows incorporation of limonene, the fragrance of HALLAHAN/HARPER also provides and repellent effects (abstract), thus, it is obvious to use as the fragrant material I order to have multi-function.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NEIL LEVY whose telephone number is 571-272-0619.

The examiner can normally be reached on Tuesday-Friday, 7 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MICHAEL WOODWARD can be reached on 571-272-8373. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



NEIL S. LEVY  
PRIMARY EXAMINER